May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910 2100 T MATERIAL SAFETY DATA SHEET

Administration (Non-Mandatory Form)□

001-ANTI-SPATTER (AEROSOL)□

□KCI, INC. □3710 N. DAVIDSON STREET □CHARLOTTE, N.C 28205

CHEMTREC(24-HOUR)800-424-930 INFORMATION 704-372-8435 DATE PREPARED: APRIL 10, 2001

□SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION□ Hazardous components OSHA PEL ACGIH TLV 8 П

*METHYLENE CHLORIDE CAS#75-09-2 25ppm(8hrTWA) 50ppm(8hrTWA) 73-84□ CARBON DIOXIDE CAS#124-38-9 5000PPM 5000ppm 170

*SEE ATTACHED FOR SARA TITLE III NOTIFICATION AND ADDITIONALD HEALTH DATA.□

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity(H20=1): 1.32□ Boiling Point: 104F □ Vapor Pressure: 390 (mmHG) Melting Point: N/AD Vapor Density: 2.9 □ Evaporation Rate: 14.50 (Butyl Acetate=1)□

Solubility in Water:% by weight, 1.3 □

Apperance and Odor: Clear, colorless liquid with a chloroform—like odor.□

%Volatile: 100□

SECTION IV-FIRE AND EXPLOSION HAZARD DATAD

Flammable Limits UELO Flash Point (Method Used) LEL None to boiling % by volume N/A $N/A\square$

Extinguishing Media: Carbon dioxide, dry chemical or foam. \square

Special Firefigting Procedures: Pressure-demand, self-contained protection should be provided for protection. Storage

containers exposed to fire should be kept

cool with water.□

Unusual Fire and Explosion Hazards: At high temperatures, over-pressurization of containers can result.

SECTION V-REACTIVITY DATAD

Stability: Unstable Conditions to AvoidD

Avoid high pressure in□

aluminum systems.

Stable X Open flames & electrical

arcs.□

Incompatibility(Materials to Avoid)□
Avoid contact with oxygen,nitrogen,peroxide,oxidizers and□
reactive metals(i.e. aluminum,potassium,sodium,etc.) □

Hazardous Decomposition or Byproducts:□ Combustion may yield ∞, CO2, phosqene and/or HCL.□

Hazardous May Occur: Condition to Avoid□

Polymerization N/AD

Will Not Occur:X

SECTION VI-HEALTH HAZARD DATAD

Routes of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards(Acute and Chronic)□

INHALATION: In confined or poorly ventilated areas, vapors cand readily accumulate and can cause unconsciousness and death.
Minimal anesthetic or narcotic effects may be seen in 500-1000ppmD range. Progressively higher levels over 1000ppm can cause dizzinessD, drunkenness, concentrations as low as 10000ppm can cause unconscious—D ness and death. These high levels may also cause cardiac arrythmias.
Excessive exposure may cause irritation to upper respiratory tract.
Excessive exposure may cause carboxyhemoglobinemia.
Carcinogenicity:**YES-NTP YES-IARC MONOGRAPHS NO-OSHA REGULATEDD Signs and Symptons of Exposure: Light-headedness & nausea.
Irritating to the eyes and the skin.

Medical Conditions \square

Generally Aggravated by Exposure: Prolonged contact with□ high concentrations can lead to serious kidney and liver□ damage.□

Emergency First Aid Procedures: Eyes-flush with water for 15 minutes. Skin-wash area with soap & water. Ingestion- drink water, DO NOT INDUCE VOMITING. Inhalation-remove to fresh air. If breathing has stopped, start CPR. *** MUTAGENICITY (EFFECTS ON GENETIC MATERIAL) SEE PAGE 5.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USED

Steps to Be Taken in Case Material Is Release or Spilled Spills should be soaked up with absorbent. Area should then be flushed with water. All rinsate should be containerized $\&\Box$ labeled. Spills on areas that are not on pavement can be \square handled by removing the affected soils. \square

Waste Disposal Method:□ The materials resulting from clean-up operations may be \square hazardous wastes, and therefore subject to local, state, & federal regulations.

Precautions to Be Taken in Handling and Storage:□ Label all containers. Store containers in a cool, dry, well ventilated area.□

Other Precautions: N/A□

SECTION VIII-CONTROL MEASURES□

Respiratory Protection(specify Type)□ None, during normal use.

Ventilation: Local Exhaust-Sufficient to maintain TLV.

Special-N/AD

Mechanical (General) -N/A□

Other-N/AD

Protective Gloves-polyfluorinated polyethylene suggested.

Eye Protection-face shield and goggles should be worn. \square

Other Protective Clothing or Equipment: N/AD

Work/Hygienic Practices:N/AD

SARA TITLE III NOTIFICATION/INFORMATION

All chemical compounds marked with an asterisk() are toxic chemicals subject to the reporting requirements of Section 313D of Title III of the Super Fund Amendments and ReauthorizationD Act(SARA) of 1986 and 40 CFR Part 372. You must notify eachD person to whom this mixture or trade name product is sold.D This statement must remain a part of this Material Safety DataD Sheet. This statement must not be detached. Any copy orD redistribution of this Material Safety Data Sheet shallD include this statement.D

CALIFORNIA PROPOSITION 65 INFORMATION \square WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. \square

NEW JERSEY RIGHT TO KNOW INFORMATION□

(5 MOST PREDOMINANT INGREDIENTS/HAZARDOUS € NON-HAZARDOUS)□

METHYLENE CHLORDE CAS# 75-09-2□ CARBON DIOXIDE CAS#124-38-9□ SOYA LECITHIN CAS#8002-43-5□

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM
HEALTH-2
FLAMMABILITY-1
REACTIVITY-1

REACTIVITY-1

G-MINIMAL HAZARDO

0-MINIMAL HAZARDO

NATIONAL FIRE PROTECTION ASSOCIATION 4-SEVERE HAZARDD HEALTH-2 3-SERIOUS HAZARDD FLAMMABILITY-1 2-MODERATE HAZARDD REACTIVITY-1 1-SLIGHT HAZARDD OTHER-NONE 0-MINIMAL HAZARDD

**COMMENTS

AN EVALUATION OF THE METABOLISM OF METHYLENE CHLORIDE IN MICE INDICATES THAT TUMOR FORMATION IN MICE IS THE RESULT OF THEIR METABOLISM BY A PARTICULAR PATHWAY AT EXPOSURE CONCENTRATIONS GREATER THAN 500 PPM. THIS PATHWAY DOES NOT PLAY A SIGNIFICANTO ROLE IN METABOLISM BY MICE AT EXPOSURE LEVELS LESS THAN 500 PPM.□ THE METABOLIC PATHWAY ASSOCIATED WITH CARCINOGENICITY IS LESS ACTIVE IN RATS, AND APPEARS TO PLAY A NEGLIGIBLE ROLE IN METAB-OLISM BY HAMSTERS AND HUMANS. INHALATION OF METHYLENE CHLORIDED PRODUCED LIMITED EVIDENCE OF LIVER DAMAGE IN LABRATORY ANIMALS. THE RELEVANCE OF THESE FINDINGS TO HUMANS IS UNCERTAIN. PRE-EXISTING LIVER AND BLOOD DISORDERS MAY BE AGGRAVATED BY EXPOSURED TO THIS MATERIAL. PERSONS WITH PRE-EXISTING HEART DISORDERS MAYD BE MORE SUSCEPTIBLE TO IRREGULAR HEARTBEATS (ARRHYTHMIAS) IF EXPOSED TO HIGH CONCENTRATIONS OF THIS MATERIAL. REPORTS HAVED ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TOL SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE(PAINTERS SYNDROME). INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THIS PRODUCT MAY BE HARMFUL OR FATAL.

***MUTAGENICITY(HEALTH HAZARD SECTION VI CONTINUED)

NEGATIVE OR EQUIVOCAL RESULTS HAVE BEEN OBTAINED IN MUTAGENICITY

TESTS USING MAMMALIAN CELLS OR ANIMALS. THIS IS CONSISTENT WITHO

THE LACK OF INTERACTION WITH DNA IN RATS AND HAMSTERS. ALTHOUGHO

RESULTS OF AMES BACTERIAL TESTS HAVE GENERALLY BEEN POSITIVE, OVER-O

ALL THE DATA SUGGEST THAT GENOTOXIC POTENTIAL DOES NOT APPEAR TO BE OF A SIGNIFICANT FACTOR IN THE TOXICITY OF METHYLENE CHLORIDE.

HANDLING AND STORAGE PRECAUTIONS:□

USE AND STORE THIS MATERIAL IN COOL, DRY, WELL VENTILATED AREAS AWAYD FROM HEAT AND ALL SOURCES OF IGNITION. KEEP CONTAINERS CLOSED. KEEPD AWAY FROM INCOMPATIBLE MATERIALS (SECTION V). DO NOT ENTER CONFINEDD SPACES SUCH AS TANKS OR PITS WITHOUT FOLLOWING PROPER ENTRY PROCEDURESD SUCH AS ASTM D-4276. THE USE OF RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS. WASHD THOROUGHLY AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR SHOES. USE GOOD PERSONAL HYGIENE PRACTICES. EMPTY CONTAINERS RETAIND RESIDUE AND CAN BE DANGEROUS. ALL CONTAINERS SHOULD BE DISPOSED OF IND AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENTALD REGULATIONS. NOTE: ALUMINUM EQUIPMENT SHOULD NOT BE USED FOR STORAGED AND/OR TRANSFER OF CHLORINATES.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:

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